

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 09331694  
PUBLICATION DATE : 22-12-97

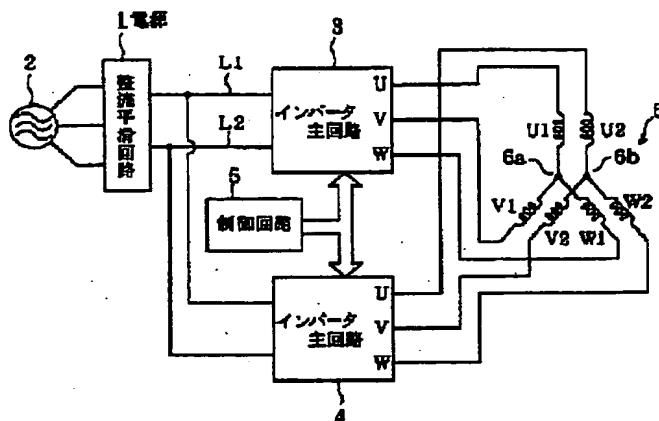
APPLICATION DATE : 10-06-96  
APPLICATION NUMBER : 08147595

APPLICANT : TOSHIBA CORP;

INVENTOR : SUGISHITA KANEO;

INT.CL. : H02P 7/63 H02M 7/48

TITLE : INVERTER MOTOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a large capacity without causing any increase in cost or the whole size.

SOLUTION: Inverter main circuits 3 and 4 are constituted so that its power supply may be obtained from a common rectifying and smoothing circuit 1 and so as to be controlled by a common control circuit 5. A stator 6 for a three-phase induction motor is provided with coils U1 and U2, V1 and V2, W1 and W2 of two pieces for each phase. Two three-phase coils 6a, 6b are formed by dividing the coils. To the three-phase coils 6a, 6b, three-phase AC output from the inverter main circuits 3 and 4 corresponding to respective coils is applied.

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